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File

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

| | |
|--|-------------------|
| Application Number | 10/656,091 |
| Filing Date | 09/05/2003 |
| First Named Inventor | Thomas L. Beck |
| Art Unit | 2863 |
| Examiner Name | Michael P. Nghiem |
| Attorney Docket Number | 7855 |
| Total Number of Pages in This Submission | |

ENCLOSURES (check all that apply)

| | | |
|--|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Postcard |
| Remarks | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | | |
|--------------|----------------------------------|----------|--------|
| Firm | Reinhart Boerner Van Deuren s.c. | | |
| Signature | <i>Leonard J. Kalinowski</i> | | |
| Printed Name | Leonard J. Kalinowski | | |
| Date | January 17, 2006 | Reg. No. | 24,207 |

CERTIFICATE OF TRANSMISSION/MAILING

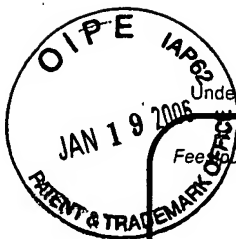
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

| | | | |
|-----------------------|------------------------------|------|------------------|
| Signature | <i>Leonard J. Kalinowski</i> | | |
| Typed or printed name | Leonard J. Kalinowski | Date | January 17, 2006 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

MW/1269304

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Effective on 12/08/2004.
Fee pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL for FY 2006

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 900.00

Complete if Known

| | |
|----------------------|-------------------|
| Application Number | 10/656,091 |
| Filing Date | September 5, 2003 |
| First Named Inventor | Thomas L. Beck |
| Examiner Name | Michael P. Nghiem |
| Art Unit | 2863 |
| Attorney Docket No. | 7855 |

METHOD OF PAYMENT (check all that apply)

- ☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify) : _____
- ☒ Deposit Account Deposit Account Number: 18-0882 Deposit Account Name: _____
- For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
- ☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
- ☒ Charge any additional fee(s) or underpayments of fee(s) ☒ Credit any overpayments; charge any discrepancy
- Under 37 CFR 1.16 and 1.17, except for the issue fee

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
| | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | |

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues)
Each independent claim over 3 (including Reissues)
Multiple dependent claims

| Small Entity | |
|---------------------------|---------------|
| Fee (\$) | Fee (\$) |
| 50 | 25 |
| 200 | 100 |
| 360 | 180 |
| Multiple Dependent Claims | |
| Fee (\$) | Fee Paid (\$) |

Total Claims Extra Claims Fee (\$) Fee Paid (\$)
93 -118 = 0 x 25 = 0

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims Extra Claims Fee (\$) Fee Paid (\$)
25 -16 = 9 x 100 = \$900.00

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|--------------|--------------|--|----------|---------------|
| — | - 100 = — | / 50 = — (round up to a whole number) x | | = |

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): _____

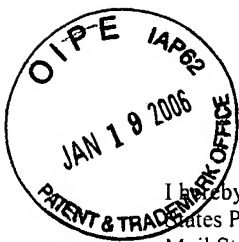
SUBMITTED BY

| | | | | | |
|-------------------|------------------------------|--------------------------------------|------------------|-----------|--------------|
| Signature | <i>Leonard J. Kalinowski</i> | Registration No. (Attorney/Agent) | 24,207 | Telephone | 414-298-8359 |
| Name (Print/Type) | Leonard J. Kalinowski | Date | January 17, 2006 | | |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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MW1270226



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Reinhart Boerner Van Deuren s.c.

PATENT APPLICATION

By: Leonard J. Kalinowski
Leonard J. Kalinowski

Date: January 17, 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

GROUP ART UNIT: 2863

EXAMINER: Michael P. Nghiem

In re application of: Thomas L.)
Beck et al.)

Application No: 10/656,091)

Filed: September 5, 2003)

Confirmation No.: 9926)

Attorney Docket No. 7855)

Customer No. 22922)

For: CONTROL SYSTEM FOR
CENTRIFUGAL PUMPS

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

January 17, 2006

01/19/2006 LWONDIM1 00000056 10656091

01 FC:2201

900.00 OP

AMENDMENT A

Sir:

In response to the Office Action mailed October 14, 2005, entry of the following amendments and reconsideration of the specification and claims as amended are respectfully requested.

After this Amendment, 93 claims remain pending, 25 of which are independent. In the original application 118 claims were paid for, 16 of which were independent. Accordingly, it is believed that a fee for 9 additional independent claims is due to the U.S. Patent and Trademark Office at this time.

The total thus due for this Amendment is \$900.00 for the additional claims, and a check totaling \$900.00 is enclosed herewith. The U.S. Patent and Trademark Office is also authorized to charge any additional fees required to secure the entry of this Amendment Under Rule 1.111, or to credit any overpayment, to Deposit Account No. 18-0882.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this Amendment.

Remarks/Arguments begin on page 38 of this Amendment.